

ABSTRACT

The invention provides an electronic component feeding device which can stably feed electronic components, and an electronic component mounting apparatus having the electronic component feeding device. In a component feeding unit, an opening provided in a suppressor
5 for picking electronic components is formed in a size corresponding to electronic components stored in a storage tape of 16 mm pitch so as to employ storage tapes of four types, i.e., 4 mm pitch, 8 mm pitch, 12 mm pitch, and 16 mm pitch. When the storage tape of 4 mm pitch is employed, a component pickup position of a suction nozzle and a feed stop position of a head electronic component have been conventionally in a center of the opening. In this invention,
10 however, the CPU 81 controls drive motors in a tape feeding system based on operation switches, so that the feed stop position is set on an upstream side of the opening 27A by feeding the storage tape by 2 mm first, and the component pickup position of the suction nozzle is shifted to the upstream side from the center of the opening by 6mm. From a next operation, the storage tape is intermittently fed by 4 mm pitches, and the feed stop position and the component pickup
15 position are set in the above corrected position.